WEST Search History

10/730/139

Hide Items Restore Clear Cancel

DATE: Tuesday, July 06, 2004

Hide? <u>Set Name Query</u>			Hit Count
DB = PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YES; OP = OR			
	L7	L6 same l1	48
	L6	singlet near5 oxygen	4032
	L5	L4 same 12	5
	L4	L3 near5 11	1294
	L3	chelate or chelates or chelator or chelators or chelating or chelated	104739
	L2	photosensiti\$	290656
	L1	europium or terbium or dysprosium or samarium or osmium or ruthenium	84626

END OF SEARCH HISTORY

This Page Blank (uspto)

10730-139

10/730/139 Page 1

=> d scan

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Europium, (4,4'-bipyridine)tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-

butanedionato] - (8CI)

MF C34 H20 Eu F9 N2 O6 S3

CI CCS

projected answers
132-668

$$R - N \longrightarrow N$$

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Dysprosium, tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']-,

dihydrate (9CI)

MF C24 H12 Dy F9 O6 S3 . 2 H2 O

CI CCS

●2 H₂O

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Terbate(1-), tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato0,0']-, hydrogen, compd. with 4-methylpyridine (1:1) (9CI)
MF C32 H16 F12 O8 S4 Tb . C6 H7 N . H

CM 1

● H+



REGISTRY COPYRIGHT 2000 ACS

10H-Dibenz[b,e]iodinium, 3,7-bis(dimethylamino)-, tetrakis[4,4,4-trifluoro-IN

1-(2-thienyl)-1,3-butanedionato-0,0']terbate(1-) (9CI)

C32 H16 F12 O8 S4 Tb . C17 H20 I N2 MF

> CM1

CM 2

20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

Pyridinium, 1,4-dimethyl-, tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-IN

butanedionato-O,O']europate(1-) (9CI) C32 H16 Eu F12 O8 S4 . C7 H10 N

MF

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Samarium, [N-[[5-[4-(dimethylamino)phenyl]-2,3-dihydro-6-phenyl-1,4-dioxin-2-yl]methyl]-1,10-phenanthroline-2-carboxamide-.kappa.N1,.kappa.N10]tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-.kappa.O,.kappa.O']- (9CI)

MF C56 H40 F9 N4 O9 S3 Sm

CI CCS

PAGE 1-A

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Europium, bis[2-hydroxy-4-(1-methylethyl)-2,4,6-cycloheptatrien-1-one-0,0']tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']- (9CI)

MF C44 H36 Eu F9 O10 S3

CI CCS

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN) Xanthylium, 9-(2-carboxyethyl)-3,6-bis(dimethylamino)-,

tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']europate(1-

), monohydrochloride (9CI)

MF C32 H16 Eu F12 O8 S4 . C20 H23 N2 O3 . Cl H

CM 1

CM 2

CM 3

Searched by Barb O'Bryen, STIC 308-4291

$$CH_2-CH_2-CO_2H$$
 Me_2N
 O_+
 NMe_2

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Europium, (2-amino-1-butanol-N)tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-

butanedionato-0,0']- (9CI)

MF C28 H23 Eu F9 N O7 S3

CI CCS

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Terbate(1-), tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-

O,O']-, hydrogen, compd. with 2,6-dimethylpyridine (1:1) (9CI)

MF C32 H16 F12 O8 S4 Tb . C7 H9 N . H

● H+

CM 2

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN 1-Octadecanaminium, N,N-dimethyl-N-octadecyl-, (SA-8-11'''2'''1''2''2'1'2) tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']europate(1-)
 (9CI)

MF C38 H80 N . C32 H16 Eu F12 O8 S4

Me
$$(CH_2)_{17} - N^{+} (CH_2)_{17} - Me$$
Me Me

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Europium, tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato.kappa.O,.kappa.O']-, compd. with 1,1'-[sulfinylbis(methylene)]bis[benzene
] (1:2) (9CI)
MF C24 H12 Eu F9 O6 S3 . 2 C14 H14 O S

CM 1

CM 2

$$\begin{array}{c} \text{O} \\ \parallel \\ \text{Ph-CH}_2\text{--}\text{S--CH}_2\text{--Ph} \end{array}$$

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Europium, tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato]-, compd. with 1-naphthol (1:1) (8CI)
MF C24 H12 Eu F9 O6 S3 . C10 H8 O

L36 REGISTRY COPYRIGHT 2000 ACS 20 ANSWERS IN Dysprosium, (1,10-phenanthroline-.kappa.N1,.kappa.N10)tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-.kappa.O,.kappa.O']- (9CI)

MF C36 H20 Dy F9 N2 O6 S3

CI CCS

PAGE 1-A

PAGE 2-A

L36

20 ANSWERS REGISTRY COPYRIGHT 2000 ACS Europate(1-), tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-IN O,O']-, hydrogen, compd. with N,N'-diphenylguanidine (1:1) (9CI) C32 H16 Eu F12 O8 S4 . C13 H13 N3 . H

MF

● H-

CM 2

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-,
tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']europate(1-)
(9CI)
MF C32 H16 Eu F12 O8 S4 . C26 H27 N2 O3

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Pyridinium, 1-(phenylmethyl)-, tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-0,0']europate(1-) (9CI)

MF C32 H16 Eu F12 O8 S4 . C12 H12 N

CM 1

CM 2

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Terbate(2-), bis(1-naphthaleneacetato-0)tris[4,4,4-trifluoro-1-(2-thienyl)1,3-butanedionato-0,0']-, dihydrogen (9CI)

 \mbox{MF} $\mbox{C48 H30 F9 O10 S3 Tb}$. 2 H CI \mbox{CCS}

PAGE 1-A

PAGE 2-A

●2 H+

L36 20 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Europium, tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato.kappa.O,.kappa.O']-, compd. with 1,1'-sulfinylbis[4-methylbenzene] (1:2)
(9CI)

C24 H12 Eu F9 O6 S3 . 2 C14 H14 O S MF

> CM 1

CM 2

REGISTRY COPYRIGHT 2000 ACS L36 20 ANSWERS

Europate(1-), tetrakis[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-IN O,O']-, hydrogen, compd. with 2,4,6-trimethylpyridine (1:1) (9CI) C32 H16 Eu F12 O8 S4 . C8 H11 N . H

MF

● H+

CM 2

ALL ANSWERS HAVE BEEN SCANNED

=> log h